

Product datasheet for PH322687

ZNF148 (NM_021964) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZNF148 MS Standard C13 and N15-labeled recombinant protein (NP_068799)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222687
Predicted MW:	88.8 kDa
Protein Sequence:	>RC222687 representing NM_021964 Red=Cloning site Green=Tags(s)

MNIDDKLEGLFLKCGGIDEMQSSRTMVVMGGVSGQSTVSGELQDSVLQDRSMPHQEILAADEVLQESEMR
QQDMISHDELMVHEETVKNDDEEQMETHERLPQGLQYALNVPI SVKQEITFTDVSEQLMRDQKQIREPVDL
QKKKKRKRQSPAKILTINEDGSLGLKTPKSHVCEHCNAAFRTNYHLQRHVFIHTGEKPFQCSQCQDMRFIQ
KYLLQRHEKIHTGEKPFRCDECGMRFIQKYHMERHKRTHSGEKPYQCEYCLQYFSDRDLKHKRMCHEN
HDKKLNRCIAIKGGLLTSEEDSGFSTSPKDNSLPKKKRQKTEKKSSGMDKESALDKSDLKDKNDYLPYLS
SSTKVKDEYMAEYAVEMPHSSVGGSHLEDASGEIHPPKLVLKKINSKRSLKQPLEQNQTISPLSTYEESS
KYSKYAFELVDKQALLDSEGNADIDQVDNLQEGPSKPVHSSTNYDDAMQFLKKKRYLQAASNNREYALN
VGTIASQPSVTQAAVASVIDESTTASILESQLNVEIKSNHDKNVIPDEVLQTLLDHYSHKANGQHEISF
SVADTEVTSSISINSSEVPEVTPSENVGSSSQASSDKANMLQEYSKFLQQALDRTSQNDAYLNSPSLNF
YTDNQTLPNQPAFSSIDKQVYATMPINSFRSGMNSPLRTPDKSHFGLIVGDSQHSFPFSGDETNHASAT
STQDFLDQVTSQKKAQAQPVHQAYQMSSFEQPFAPYHGSRAGIATQFSTANGQVNLRGPGTSAEFSEFP
LVNVNDNRAGMTSSPDATTGQTFG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_068799



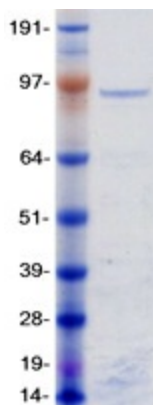
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RefSeq Size:	3032
RefSeq ORF:	2382
Synonyms:	BERF-1; BFCOL1; GDACCF; HT-BETA; pHZ-52; ZBP-89; ZFP148
Locus ID:	7707
UniProt ID:	Q9UQR1
Cytogenetics:	3q21.2

Summary: The protein encoded by this gene is a member of the Kruppel family of zinc finger DNA binding proteins. The encoded protein activates transcription of the T-cell receptor and intestinal alkaline phosphatase genes but represses transcription of the ornithine decarboxylase, vimentin, gastrin, stomelysin, and enolase genes. Increased expression of this gene results in decreased patient survival rates from colorectal cancer, while mutations in this gene have been associated with global developmental delay, hypoplastic corpus callosum, and dysmorphic facies. [provided by RefSeq, Feb 2017]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified ZNF148 protein (Cat# [TP322687]). The protein was produced from HEK293T cells transfected with ZNF148 cDNA clone (Cat# [RC222687]) using MegaTran 2.0 (Cat# [TT210002]).